

What is #Define

Let's talk about this piece of code:

```
#define SIGNAL_NONE 0
#define SIGNAL_BUY 1
#define SIGNAL_SELL 2
#define SIGNAL_CLOSEBUY 3
#define SIGNAL_CLOSESELL 4
```

You should have seen it in Adeline and Belinda near the start of the code in the setup area.

What it does

#define tells MT4 that the variable name and its corresponding number are interchangeable.

For instance, wherever "SIGNAL_NONE" appears in the MQL4 code, "0" will be substituted in.

Why does it exist

It exists mainly for readability. It is easier to infer what "SIGNAL_CLOSEBUY" means than "3" when looking at the code.

```
if(sma10_2>sma40_2 && sma40_1>=sma10_1) Order=SIGNAL_CLOSEBUY; // Rule to EXIT a Long trade
//+-----+
//| Signal End(Exit Buy) |
//+-----+

if(Order==SIGNAL_CLOSEBUY)
{
    Ticket2=OrderClose(OrderTicket(),OrderLots(),Bid,Slippage,MediumSeaGreen);
    doWeHaveAPosition=False;
    continue;
}
```

The code above is easier to read than the code below.

```
if(sma10_2>sma40_2 && sma40_1>=sma10_1) Order=3; // Rule to EXIT a Long trade
//+-----+
//| Signal End(Exit Buy) |
//+-----+

if(Order==3)
{
    Ticket2=OrderClose(OrderTicket(),OrderLots(),Bid,Slippage,MediumSeaGreen);
    doWeHaveAPosition=False;
    continue;
}
```

Documentation

<https://docs.mql4.com/basis/preprocessor/constant>